Application Services (866) 284-5509

Technical Bulletin No. 082004 JM Pressure Transducers with "Zero" Offset Adjustment

## Problem:

- Persistent High or Low Volume Faults even though the material dispensed is the correct volume.
- System dispenses no material without giving a Low Volume Fault.

## **Root Cause:**

The Pressure Transducer has taken a bias and is no longer at 1.0 Volt at 0 psi.

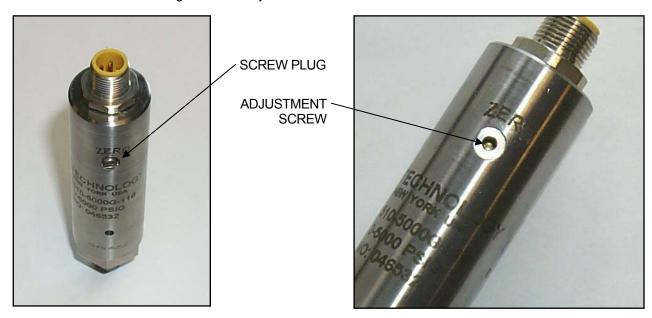
## Solution:

The AutoStream Pressure Transducer (363-314) now comes standard with a Zero Adjustment Screw. Periodically this screw can be adjusted back to zero to eliminate these problems before they occur.

## Procedure:

This should be done at least once a year to ensure correct operation.

- 1. Switch the system to "Manual" mode to avoid purging during adjustment.
- 2. Remove the Screw Plug from the port marked "ZERO" on the Pressure Transducer (363-314)
- Press and hold the override button on the Dispense Solenoid Valve so that the material in the chamber flows out.
- 4. When material stops flowing and the chamber pressure is zero, adjust the small Adjustment Screw on the Pressure Transducer until the pressure gage on the AutoStream controller is on 0 psi.
- 5. Install the Screw Plug and set the system back to "Automatic" mode.



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